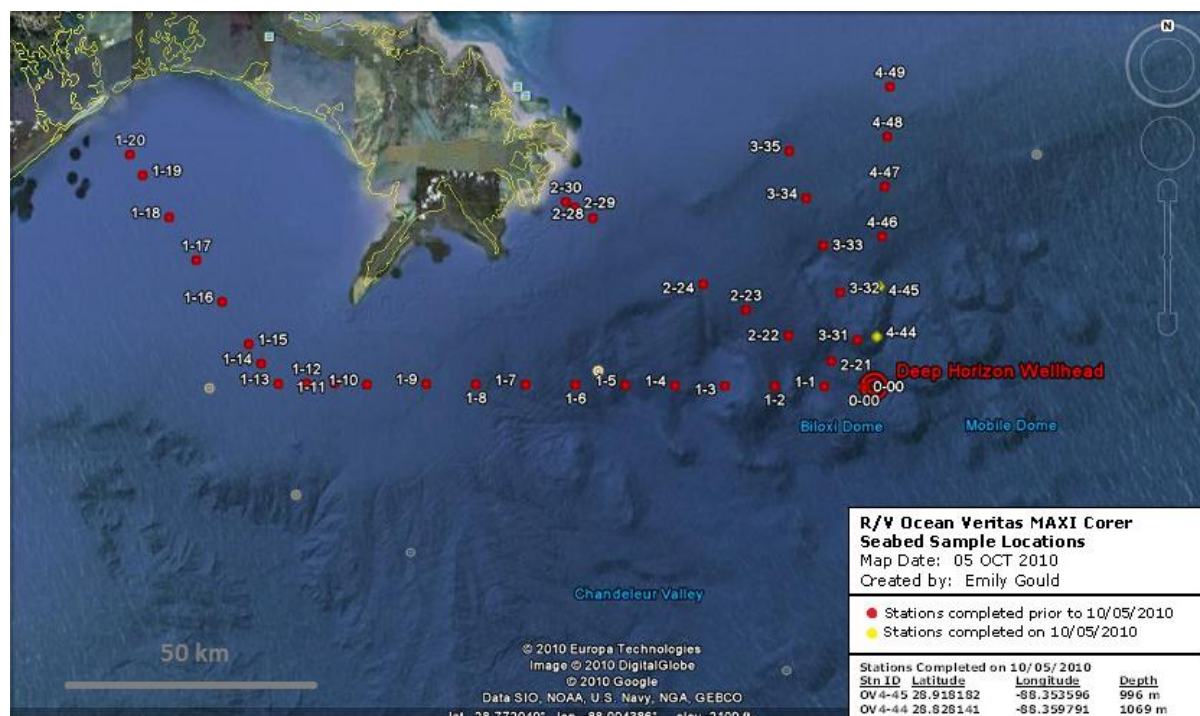


<i>Seabed Sampling and Baited Camera Operations</i>	
Vessel	R/V Ocean Veritas
Summary Report Number	08
Operating equipment	MAXI Corer (8 core unit)
Date	05 October 2010
Completed casts (12 hr)	02
Report compiled by	Brian Critchley/Emily Gould

Seabed Sampling Locations



All cores were processed and stored in accordance with SOPOV01. GC/MS and Microtox™ toxicology testing was planned to be conducted offshore, however outstanding supplies meant that this was not possible. Samples were prepared and stored for hydrocarbon, trace metal, BTEX, grainsize, total inorganic carbon, total organic carbon, meiofauna and macrofauna testing and analysis onshore.

The core tube is 60 cm in length with an internal diameter of 10 cm. Typical sample recovery from the core is as follows:

Supernatant water: length = 15 cm, volume = 1178 cm³

Sediment: length = 45 cm, volume = 3534 cm³

Station 4-45

Lat: 28.918182

Long: -88.353596

Cores recovered: 7 of 8

Supernatant water

Recovery: 22 cm

Visible contamination: None

Olfactible contamination: None

Sediment

Recovery: 38 cm

Visible contamination: Yes, sheen on surface.

Olfactible contamination: None

Description: Dark olive brown fluidized sediment to approximately 2 cm depth. Olive grey, firm, homogenous silty clay. Biota: None.

Top 3 cm removed for GC/MS analysis prior to core extrusion.



Station 4-44

Lat: 28.828141

Long: -88.359791

Cores recovered: 8 of 8

Supernatant water

Recovery: 27 cm

Visible contamination: None

Olfactible contamination: None

Sediment

Recovery: 33 cm

Visible contamination: Yes, sheen on surface.

Olfactible contamination: None

Description: Olive brown fluidized sediment to approximately 2 cm depth. Olive grey, soft, homogenous silty clay, becoming firm/stiff.

Biota: Worms.

Top 3 cm removed for GC/MS analysis prior to core extrusion.

